

Common Sense Initiative, Automobile Manufacturing Sector

***U.S. Automobile Assembly Plants and Their Communities:
Environmental Economic, and Demographic Profile***

**Part III: Automobile/Light Duty Truck Assembly
Plant-Community Profiles**

**23. General Motors
Flint, MI**

December 1997

Contents and Guidelines for Use

Users of this profile should carefully review the description of methods, data limitations, and guidelines for use and interpretation of the data presented in Part I of the report.

Contents:

Plant Locations (National and Michigan maps)
Plant Location, Database Identification Numbers, 1994 Production and Employment
1991 and 1993 RCRA Biennial Report Summary
1991-1994 TRI Releases and Transfers Summary
1994 TRI Releases and Transfers by Chemical
1991-1994 Volatile Organic Compound and Nitrogen Oxide Emissions
1994 Summary of TRI Chemical Releases and Transfers from Sources within 3 Miles of Assembly Plant
Air Quality Attainment Status for Criteria Pollutants (as of 1994)
Community Demographic and Economic Characteristics
Facility Location (map)
Area Wide 1994 TRI Emission Profile (map)
1994 TRI Releases and Transfers from Sources within 3 Miles of Assembly Plant, by Chemical
Demographic Characteristics (maps)

General Guidelines for Use

Efforts have been made to ensure that the data presented here are accurate. The Project Team could not independently verify data accuracy in all cases, however, and some errors may remain. The following is a partial list of factors that should be considered in using these profiles:

1. Current releases presented in this report represent only some of the contamination sources in a given area. Data on historical releases (prior to 1991) were not included, and releases from non-assembly plant emission sources were identified only through the Toxics Release Inventory (TRI). TRI data do not cover all sources of releases. Considering only TRI data for a given community may mis-state the relative contribution of plants and their neighboring TRI facilities to an area's total releases.
2. Care must be taken to distinguish true changes over time in environmental releases from apparent changes, due, for example, to changes in the scope of reporting requirements.
3. TRI data are often based on engineering estimates and are reported on an annual basis. Data on releases over shorter time frames are not available.
4. TRI, the Biennial Report and other databases do not include all substances and environmental releases of concern.

Notes on Comparisons Across Facilities

1. The following factors can affect an assembly plant's environmental profile, among other things: the number of vehicles produced, plant age, process equipment age, and vehicle size and configuration.
2. Some plants are highly-integrated, performing some parts and all assembly steps in-house. Others obtain parts from other manufacturing facilities, or share assembly operations with another plant.
3. States differ in how they define hazardous waste and how they treat recycled wastes and small quantity generators. Therefore, data on quantities of BRS wastes generated may not be comparable for plants located in different states.
4. Area-wide averages for economic and demographic characteristics may be better or worse measures of the plant's immediate community, depending on the specific location of a plant within the reporting area.

**Plant-Community Profile:
General Motors
Flint MI**

12/2/97

LOCATION	Address	G-1300 Van Slyke Rd., Flint MI 48551		DESCRIPTION	Produced Chev Sportvan and GMC Rally in 1994.		
	Lat/Long:	latitude (degrees N)	42 59' 15"				
		longitude (degrees W)	83 42' 49"				
	County:	Genesee	MSA:	Flint MI	ID NUMBERS	RCRA ID	MID005356951
	Other counties within 3 miles of plant:			none		AIRS ID	?
						NPDES ID	MI0001104
						TRI	48551GMCTRG3100
OPERATIONS		Production	Employment				
	Calendar Year: 1991	45,098					
	1992	18,203					
	1993	117,116					
	1994	144,541	5,500				

PLANT ENVIRONMENTAL PROFILE

RCRA BIENNIAL REPORT

<i>Waste Code(s)</i>	<i>Wastewater?</i>	<i>Physical Form</i>	<i>Source</i>	<i>Mgd. On/Off-Site</i>	<i>Management Method</i>	<i>Quantity Generated (tons)</i>	<i>Quantity Shipped (tons)</i>	<i>Quantity Mgd. On-Site (tons)</i>
1991								
D001 (ignitable)	N	B207 org. liquids	A65 remediation	Off	M061 fuel blending	0.5	0.5	0.0
D001 (ignitable)	N	B210 org. liquids	A59 1x/intermittent	Off	M061 fuel blending	7.6	7.6	0.0
D001 (ignitable)	N	B211 org. liquids	A19 other clean/degr.	Off	M141 transfer facil.	4.1	4.1	0.0
D001 (ignitable)	N	B403 org. solids	A29 other surface prep	Off	M043 incineration	5.2	5.2	0.0
D001 (ignitable)	N	B409 org. solids	A55 1x/intermittent	Off	M043 incineration	2.4	2.4	0.0
D001, F001, F002, F003, F005	N	B001 lab packs	A94 lab wastes	Off	M049 incineration	2.9	2.9	0.0
D008 (lead)	N	B301 inorg. solids	A63 remediation	Off	M111 stabilization	686.5	686.5	0.0
D008 (lead)	N	B319 inorg. solids	A21 painting	Off	M111 stabilization	1,033.6	1,033.6	0.0
F002 (halog. solvents)	N	B202 org. liquids	A19 other clean/degr.	Off	M061 fuel blending	0.6	0.6	0.0
F003, F002, F005 (solvents)	N	B204 org. liquids	A21 painting	Off	M022 solvents recov.	919.0	919.0	0.0
F003, F002, F005 (solvents)	N	B204 org. liquids	A21 painting	Off	M061 fuel blending	426.4	426.4	0.0
F005 (nonhalog. solvents)	N	B211 org. liquids	A21 painting	Off	M061 fuel blending	4.4	4.4	0.0
P018, P098, P106, P012, P029	N	B312 inorg. solids	A94 lab wastes	Off	M049 incineration	0.0	0.0	0.0
U151	N	B117 inorg. liquids	A94 lab wastes	Off	M019 metals recov.	0.0	0.0	0.0
TOTAL - 1991						3,093.2	3,093.2	0.0

**Plant-Community Profile:
General Motors
Flint MI**

12/2/97

PLANT ENVIRONMENTAL PROFILE (continued)

RCRA BIENNIAL REPORT (continued)

<i>Waste Code(s)</i>	<i>Wastewater?</i>	<i>Physical Form</i>	<i>Source</i>	<i>Mgd. On/Off-Site</i>	<i>Management Method</i>	<i>Quantity Generated (tons)</i>	<i>Quantity Shipped (tons)</i>	<i>Quantity Mgd. On-Site (tons)</i>
1993								
D001 (ignitable)	N	B211org. liquid	A19 other clean/degr.	Off	M141 transfer facil.	1.2	1.2	0.0
D001 (ignitable)	N	B403 org. solids	A29 other surface prep	Off	M061 fuel blending	2.2	2.2	0.0
D001 (ignitable)	N	B409 org. solids	A55 1x/intermittent	Off	M061 fuel blending	42.5	42.5	0.0
D001, D008, D040	N	B301 inorg. solids	A69 remediation	Off	M132 landfill	7.5	7.5	0.0
D008 (lead)	N	B319 inorg. solids	A21 painting	Off	M111 stabilization	361.3	361.3	0.0
D008 (lead)	N	B319 inorg. solids	A99 other processes	Off	M132 landfill	0.5	0.5	0.0
F003, F002, F005	N	B204 org. liquid	A21 painting	Off	M021 solvents recov. }	1,769.6	22.1	0.0
F003, F002, F005	N	B204 org. liquid	A21 painting	Off	M022 solvents recov. }		1,586.3	0.0
F003, F002, F005	N	B204 org. liquid	A21 painting	Off	M061 fuel blending }		183.3	0.0
F005, D001	N	B211org. liquid	A21 painting	Off	M061 fuel blending	3.5	3.5	0.0
TOTAL - 1993						2,188.4	2,210.5	0.0

TOXICS RELEASE INVENTORY

<i>Total lbs of TRI chemicals:</i>	<i>Air-Fugitive Emissions</i>	<i>Air-Stack Emissions</i>	<i>Total Releases</i>	<i>Discharge to POTW</i>	<i>Off-Site Energy Recovery</i>	<i>Off-Site Recycling</i>	<i>Off-Site Treatment</i>	<i>Off-Site Disposal</i>	<i>Total Transfers</i>
1991	154,350	439,136	593,910	137,352	161,025	585,960	29,361	310	914,008
1992	47,890	248,565	296,603	62,621	270,465	11,950	11,656	0	356,692
1993	128,120	775,915	906,540	4,340	145,415	180,775	9,100	0	339,630
1994	181,642	1,861,142	2,043,050	23,152	172,474	331,465	5,774	783	533,648
Lbs. per vehicle produced:									
1991	3.42	9.74	13.17	3.05	3.57	12.99	0.65	0.01	20.27
1992	2.63	13.66	16.29	3.44	14.86	0.66	0.64	0.00	19.60
1993	1.09	6.63	7.74	0.04	1.24	1.54	0.08	0.00	2.90
1994	1.26	12.88	14.13	0.16	1.19	2.29	0.04	0.01	3.69

**Plant-Community Profile:
General Motors
Flint MI**

12/2/97

PLANT ENVIRONMENTAL PROFILE (continued)

1994 TRI Emissions/Releases by Chemical (lbs.)

<i>Chemical Name</i>	<i>Air-Fugitive Emissions</i>	<i>Air-Stack Emissions</i>	<i>Total Releases</i>	<i>Discharge to POTW</i>	<i>Off-Site Energy Recovery</i>	<i>Off-Site Recycling</i>	<i>Off-Site Treatment</i>	<i>Off-Site Disposal</i>	<i>Total Transfers</i>
METHANOL	8,291	151,009	159,300	10,950	6,819	2,923	250	0	20,942
N-BUTYL ALCOHOL	6,290	333,185	339,475	10,936	1,544	116,971	57	0	129,508
BENZENE	5	250	255	21	81	0	0	0	102
1,2,4-TRIMETHYLBENZENE	250	258,250	258,500	0	3,565	68,382	99	0	72,046
CUMENE	42	105	147	0	4,461	3,747	203	0	8,411
ETHYLBENZENE	17,000	120,000	137,000	11	5,400	3,746	250	0	9,407
ETHYLENE GLYCOL	5	5	10	5	140,000	0	0	0	140,005
TOLUENE	10,000	7,000	17,000	11	5,400	59	40	0	5,510
CYCLOHEXANE	5	99	104	0	0	0	0	0	0
BUTYL ACRYLATE	20	47	67	0	0	4,305	0	0	4,305
XYLENE (MIXED ISOMERS)	102,879	780,187	883,066	33	2,900	122,812	1,826	0	127,571
HYDROCHLORIC ACID	5	81,000	81,005	0	0	0	62	0	62
PHOSPHORIC ACID	0	0	0	0	0	0	320	0	320
NITRIC ACID	0	0	0	0	0	0	50	0	50
BARIUM COMPOUNDS	0	5	16	250	0	7,200	250	753	8,453
GLYCOL ETHERS	1,100	130,000	131,100	5	2,304	0	2,117	0	4,426
MANGANESE COMPOUNDS	250	0	255	350	0	1,070	250	10	1,680
ZINC COMPOUNDS	35,500	0	35,750	580	0	250	0	20	850
TOTAL	181,642	1,861,142	2,043,050	23,152	172,474	331,465	5,774	783	533,648

**VOC/NOx Emissions:
(lbs/year)**

	VOCs	NO2
1990	3,731,342	814,496
1991	1,391,356	801,826
1992	1,014,658	873,596
1993	2,788,628	936,278
1994	2,997,270	862,758

**Plant-Community Profile:
General Motors
Flint MI**

12/2/97

COMMUNITY ENVIRONMENTAL PROFILE

TRI Chemical Releases & Transfers from Sources Within 3 Miles of Auto/LDT Plant (lbs.)

<i>Facility (w. map #)</i>	<i>Air-Fugitive Emissions</i>	<i>Air-Stack Emissions</i>	<i>Total Releases</i>	<i>Discharge to POTW</i>	<i>Off-Site Transfers</i>	<i>Total Transfers</i>
1 STATE PLATING & FINISHING INC.	0	0	0	0	0	0
2 GMC AC ROCHESTER FLINT WEST D	0	0	0	0	0	0
3 GMC AC ROCHESTER FLINT WEST D	27,900	270,000	297,900	73	339,269	339,342
4 OIL CHEM INC. OIL CHEM INC.	250	0	250	0	0	0
5 GMC BOC DIV.	0	0	0	0	0	0
7 GMC PT FLINT V-8 ENGINE PLANT	4,750	6,250	11,785	3,260	264,665	267,925
8 GMC N.A. TRUCK PLATFORMS FLINT	4,265	2,255	6,520	500	6,465	6,965
9 LUCAS CIRTEK CORP.	0	0	0	0	0	0
1 ROCKWELL INTL. CORP. PLASTICS D	0	0	0	0	0	0
3 LIQUI DRI FOODS INC.	0	0	0	0	0	0
<i>Total</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>

**Air Quality Attainment Status
(as of 1994)***

ozone - transitional
carbon monoxide - attainment or unclassifiable
particulates - unclassifiable
lead - unclassifiable
NO2 - cannot be classified or better than national standards
SO2 - attainment

* no changes in designations occurred between 1994 and 1996

**Plant-Community Profile:
General Motors
Flint MI**

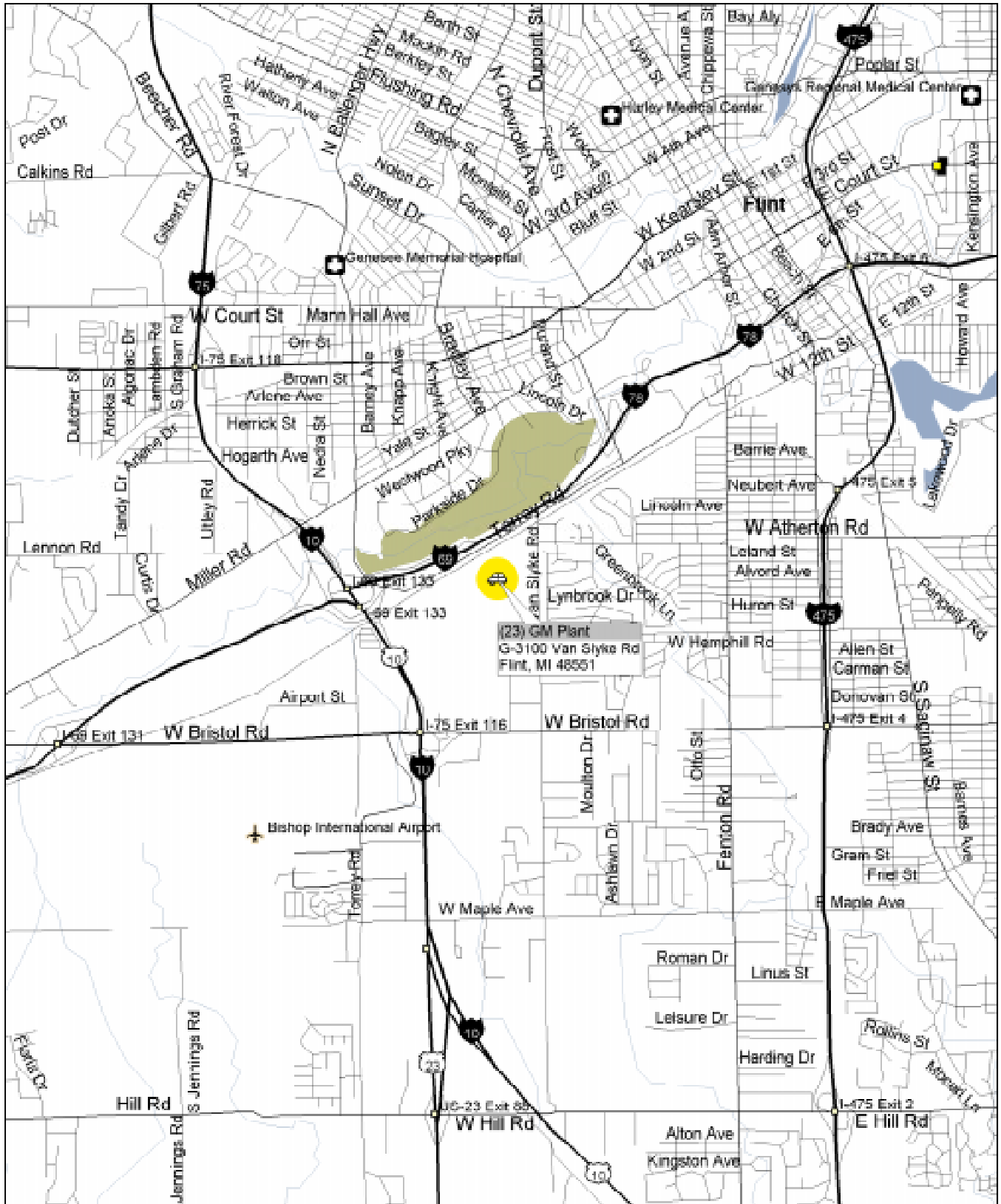
12/2/97

COMMUNITY DEMOGRAPHIC AND ECONOMIC CHARACTERISTICS

	<i>Census Block</i>	<i>0-1 Mile</i>	<i>0-3 Miles</i>	<i>1-3 Miles</i>	<i>3-5 Miles</i>	<i>County</i>	<i>State</i>	<i>U.S.</i>
Total Population (1994)	NA	NA	NA	NA	NA	433,297	9,496,539	260,340,990
Total Population (1990)	212	8,669	77,212	68,543	98,447	430,459	9,295,297	248,709,873
% Change 1990-1994	NA	NA	NA	NA	NA	1	2	5
Total Area (sq. mi.) (1990)	0.5	3.1	28.2	25.1	50.2	639.7	56,809.2	3,536,278.1
Population/sq. mi. (land area) (1990)	403	2,843	2,789	2,782	1,986	673	164	70
Median Household Income (1994)						NA	35,284	32,264
Median Household Income (1989)						31,030	31,020	30,056
% Change 1979-1989 (constant \$)						-12	-4	7
% Change 1989-1994 (constant \$)						NA	14	7
Per Capita Personal Income (1993)						19,139	20,584	20,800
Per Capita Personal Income (1989)						16,165	17,546	17,690
% Change 1989-1993 (current \$)						18	17	18
Minority Percentage (1990)	0	5	17	19	38	21	16	20
Pct. of Households Below Poverty Level (1989)	0	21	28	28	26	24	23	20
Pct. Not Completing High School (1990)	0	16	26	26	22	23	23	25
Total Employment (1994) (civilian nonfarm)						202,337	4,753,000	131,056,000
Unemployment Rate (1994)						8	6	6
Manufacturing Employment (1993)						49,494	906,672	18,183,381
Mfgr. as % Total Employment (1993)						33	26	19
Manufacturing Employment (1992)						49,200	917,000	18,253,000
Production Workers (1992)						39,100	574,000	11,654,000
% Change in Mfgr. Employment 1987-1992						NA	-7	-4
Assembly Plant as % Total Mfgr. Workers						11		

Data sources used were not always complete or current.
Attempts have been made to verify data, but errors may still exist.

Flint, MI, GM Plant - Van Slyke Road



Microsoft Expedia

Streets98

GENERAL MOTORS CORP
G-3100 VAN SLYKE RD
FLINT MI
Tri Number: 48551GMCTRG3100

Map #	SIC	Name	Address	City	State
0	3713	GMC TRUCK & BUS GROUP FLINT ASSEMBLY	G-3100 VAN SLYKE RD.	FLINT	MI
1	3471	STATE PLATING & FINISHING INC.	840 COTTAGE GROVE S.E. P.O. BOX 7449	GRAND RAPIDS	MI
2	3714	GMC AC ROCHESTER FLINT WEST DIV.	300 N. CHEVROLET AVE.	FLINT	MI
3	3714	GMC AC ROCHESTER FLINT WEST DIV.	300 N. CHEVROLET AVE.	FLINT	MI
4	2841	OIL CHEM INC. OIL CHEM INC.	711 W. 12TH ST.	FLINT	MI
5	3711	GMC BOC DIV.	4300 S. SAGINAW ST.	FLINT	MI
7	3465	GMC PT FLINT V-8 ENGINE PLANT	G-3248 VAN SLYKE RD.	FLINT	MI
8	3465	GMC N.A. TRUCK PLATFORMS FLINT METAL FABRICATING	G-2238 W. BRISTOL RD.	FLINT	MI
9	3679	LUCAS CIRTEK CORP.	3027 AIRPACK DR. N.	FLINT	MI

AREA WIDE 1994 TRI EMISSION PROFILE

GENERAL MOTORS CORP
GENESEE COUNTY, Michigan

Latitude: 42 59 15
Longitude: 83 42 49

Map Key:
Auto
Plant
Truck



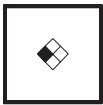
Air
Release



Land
Release

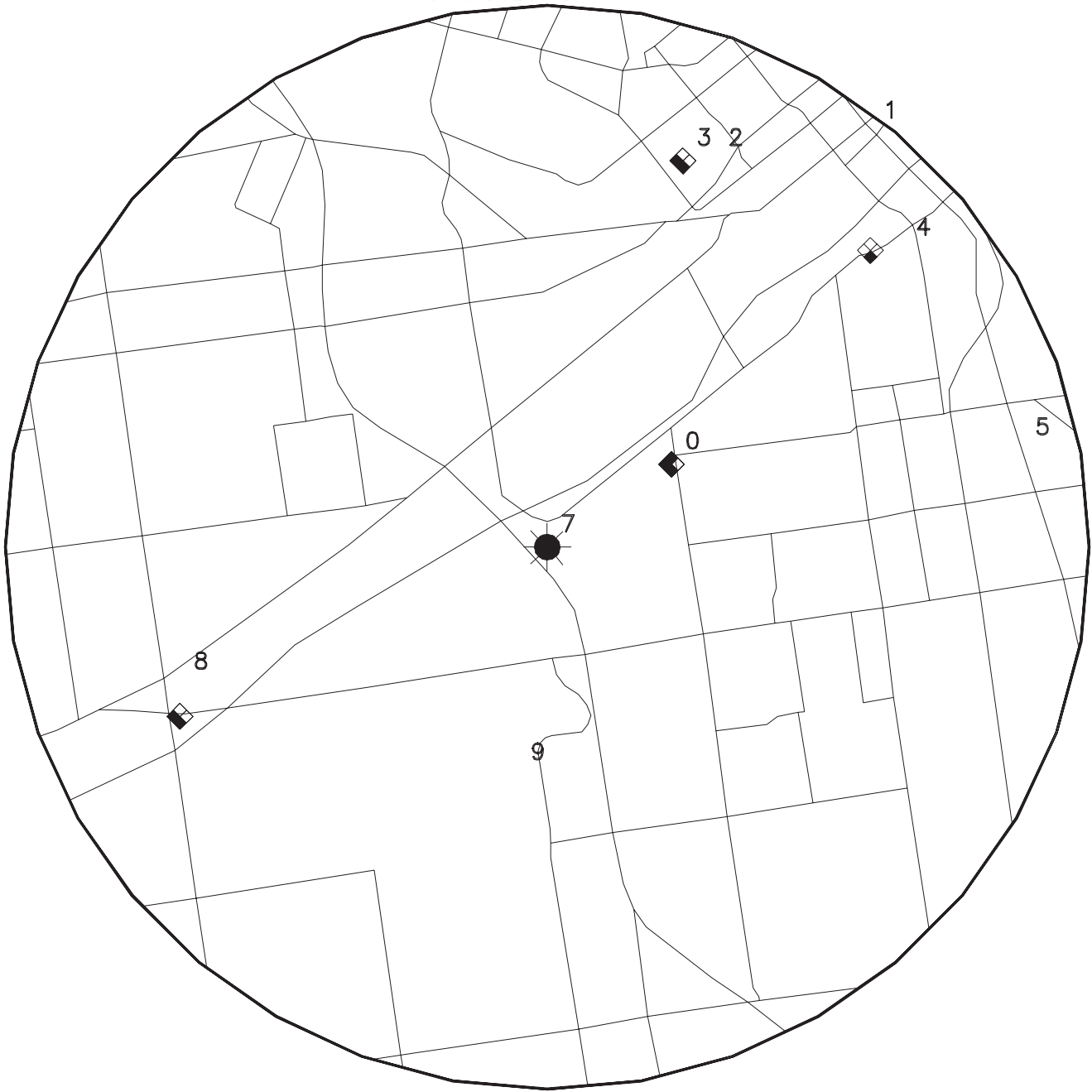


Water
Release



Transfer
location
to offsite

3 Mile Buffer



Number without a Symbol denotes no reported emissions over 0.5 pounds per year

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
GENERAL MOTORS CORP TRI NO: 48551GMCTRG3100

Chemical Name	Air Fugitive (Non-Point Source) Emissions	Air Stack (Point Source) Emissions	Discharge to Surface Water	On-Site Land Disposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS
GMC TRUCK & BUS GROUP FLINT ASSEMBLY								
			SIC DESCRIPTION: TRUCK & BUS BODIES		MAP LOCATION NO: 0			
G-3100 VAN SLYKE RD. FLINT MI 48551			SIC CODE: 3713					
METHANOL	8,291	151,009	0	0	159,300	10,950	9,992	20,942
N-BUTYL ALCOHOL	6,290	333,185	0	0	339,475	10,936	118,572	129,508
BENZENE	5	250	0	0	255	21	81	102
1,2,4-TRIMETHYLBENZENE	250	258,250	0	0	258,500	0	72,046	72,046
CUMENE	42	105	0	0	147	0	8,411	8,411
ETHYLBENZENE	17,000	120,000	0	0	137,000	11	9,396	9,407
ETHYLENE GLYCOL	5	5	0	0	10	5	140,000	140,005
TOLUENE	10,000	7,000	0	0	17,000	11	5,499	5,510
CYCLOHEXANE	5	99	0	0	104	0	0	0
BUTYL ACRYLATE	20	47	0	0	67	0	4,305	4,305
XYLENE (MIXED ISOMERS)	102,879	780,187	0	0	883,066	33	127,538	127,571
HYDROCHLORIC ACID	5	81,000	0	0	81,005	0	62	62
PHOSPHORIC ACID	0	0	0	0	0	0	320	320
NITRIC ACID	0	0	0	0	0	0	50	50
BARIUM COMPOUNDS	0	5	11	0	16	250	8,203	8,453
GLYCOL ETHERS	1,100	130,000	0	0	131,100	5	4,421	4,426
MANGANESE COMPOUNDS	250	0	5	0	255	350	1,330	1,680
ZINC COMPOUNDS	35,500	0	250	0	35,750	580	270	850
SUBTOTALS	181,642	1,861,142	266	0	2,043,050	23,152	510,496	533,648

STATE PLATING & FINISHING INC.

SIC DESCRIPTION:
SIC CODE: 3471

PLATING AND POLISHING

MAP LOCATION NO:

1

840 COTTAGE GROVE S.E. P.O. BOX 7449
GRAND RAPIDS MI 48503

SUBTOTALS	0	0	0	0	0	0	0	0
-----------	---	---	---	---	---	---	---	---

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
GENERAL MOTORS CORP TRI NO: 48551GMCTRG3100

Chemical Name	Air Fugitive (Non-Point Source) Emissions	Air Stack (Point Source) Emissions	Discharge to Surface Water	On-Site Land Disposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS
<div> <div>GMC AC ROCHESTER FLINT WEST DIV.</div> <div> <div>300 N. CHEVROLET AVE.</div> <div>FLINT</div> <div>MI 48555</div> </div> <div> <div>SIC DESCRIPTION:</div> <div>SIC CODE: 3714</div> </div> <div> <div>MOTOR VEHICLE PARTS & ACCESSOR</div> <div>MAP LOCATION NO:</div> <div>2</div> </div> </div>								
SUBTOTALS	0	0	0	0	0	0	0	0
<div> <div>GMC AC ROCHESTER FLINT WEST DIV.</div> <div> <div>300 N. CHEVROLET AVE.</div> <div>FLINT</div> <div>MI 48555</div> </div> <div> <div>SIC DESCRIPTION:</div> <div>SIC CODE: 3714</div> </div> <div> <div>MOTOR VEHICLE PARTS & ACCESSOR</div> <div>MAP LOCATION NO:</div> <div>3</div> </div> </div>								
METHYL ETHYL KETONE	15,000	120,000	0	0	135,000	0	7,500	7,500
TOLUENE	4,600	38,000	0	0	42,600	0	2,300	2,300
XYLENE (MIXED ISOMERS)	8,300	69,000	0	0	77,300	0	4,100	4,100
LEAD	0	0	0	0	0	55	4,114	4,169
MANGANESE	0	0	0	0	0	4	60,711	60,715
NICKEL	0	0	0	0	0	8	6,336	6,344
CHROMIUM	0	0	0	0	0	0	207,331	207,331
COPPER	0	0	0	0	0	6	46,877	46,883
HYDROCHLORIC ACID	0	43,000	0	0	43,000	0	0	0
SUBTOTALS	27,900	270,000	0	0	297,900	73	339,269	339,342
<div> <div>OIL CHEM INC. OIL CHEM INC.</div> <div> <div>711 W. 12TH ST.</div> <div>FLINT</div> <div>MI 48503</div> </div> <div> <div>SIC DESCRIPTION:</div> <div>SIC CODE: 2841</div> </div> <div> <div>SOAP/DETERG EXC SPECIAL CLEANR</div> <div>MAP LOCATION NO:</div> <div>4</div> </div> </div>								
GLYCOL ETHERS	250	0	0	0	250	0	0	0
SUBTOTALS	250	0	0	0	250	0	0	0

1994 TRI EMISSIONS (LB/YEAR) AT FACILITIES WITHIN THREE MILES OF
GENERAL MOTORS CORP TRI NO: 48551GMCTRG3100

Chemical Name	Air Fugitive (Non-Point Source) Emissions	Air Stack (Point Source) Emissions	Discharge to Surface Water	On-Site Land Disposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS
<div> <div>GMC BOC DIV.</div> <div> <div>4300 S. SAGINAW ST.</div> <div>FLINT</div> <div>MI 48557</div> </div> <div> <div>SIC DESCRIPTION:</div> <div>SIC CODE: 3711</div> </div> <div> <div>MOTOR VEHICLES & CAR BODIES</div> <div>MAP LOCATION NO:</div> <div>5</div> </div> </div>								
SUBTOTALS	0	0	0	0	0	0	0	0
<div> <div>GMC PT FLINT V-8 ENGINE PLANT</div> <div> <div>G-3248 VAN SLYKE RD.</div> <div>FLINT</div> <div>MI 48552</div> </div> <div> <div>SIC DESCRIPTION:</div> <div>SIC CODE: 3465</div> </div> <div> <div>AUTOMOTIVE STAMPINGS</div> <div>MAP LOCATION NO:</div> <div>7</div> </div> </div>								
ETHYLENE GLYCOL	0	0	0	0	0	0	1,800	1,800
TOLUENE	1,050	1,050	10	0	2,110	14	25	39
CHROMIUM	0	250	10	0	260	16	189,330	189,346
GLYCOL ETHERS	3,700	3,700	0	0	7,400	2,600	0	2,600
MANGANESE COMPOUNDS	0	750	255	0	1,005	200	45,600	45,800
NICKEL COMPOUNDS	0	250	10	0	260	30	13,360	13,390
ZINC COMPOUNDS	0	250	500	0	750	400	14,550	14,950
SUBTOTALS	4,750	6,250	785	0	11,785	3,260	264,665	267,925
<div> <div>GMC N.A. TRUCK PLATFORMS FLINT METAL FABRICATING</div> <div> <div>G-2238 W. BRISTOL RD.</div> <div>FLINT</div> <div>MI 48553</div> </div> <div> <div>SIC DESCRIPTION:</div> <div>SIC CODE: 3465</div> </div> <div> <div>AUTOMOTIVE STAMPINGS</div> <div>MAP LOCATION NO:</div> <div>8</div> </div> </div>								
METHANOL	5	5	0	0	10	0	0	0
N-BUTYL ALCOHOL	750	250	0	0	1,000	0	0	0
ETHYLENE GLYCOL	5	0	0	0	5	0	0	0
TOLUENE	3,000	750	0	0	3,750	0	0	0
DIETHANOLAMINE	5	0	0	0	5	0	755	755
XYLENE (MIXED ISOMERS)	250	250	0	0	500	0	0	0
BARIUM COMPOUNDS	0	0	0	0	0	250	255	505
GLYCOL ETHERS	250	0	0	0	250	0	0	0
MANGANESE COMPOUNDS	0	250	0	0	250	0	0	0
ZINC COMPOUNDS	0	750	0	0	750	250	5,455	5,705
SUBTOTALS	4,265	2,255	0	0	6,520	500	6,465	6,965

GENERAL MOTORS CORP

TRI N0: 48551GMCTRG3100

**Air Fugitive
(Non-Point
Source)
Emissions**

Air Stack
(Point
Source)
Emissions

Discharge
to
Surface
Water

On-Site
Land
Disposal

TOTAL
RELEASES

Discharge
to POTW

Transfer

TOTAL
TRANSFERS

LUCAS CIRTEK CORP.

SIC DESCRIPTION:

ELECTRONIC COMPONENTS, NEC

MAP LOCATION NO:

9

3027 AIRPACK DR. N.
FLINT

SIC CODE: 3679

MI 48507 3494

SUBTOTALS

0

0

0

0

0

0

0

0

General Motors Flint Genesee County, Michigan

Latitude: 42 59 15 N
Longitude: 83 42 49 W

MAP KEY:

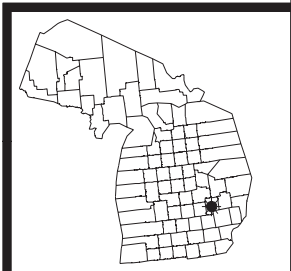
- County Boundaries
- Inter State Highway
- US Highway
- Rail Road
- One Mile
- Three Miles
- Five Miles

POPULATION DENSITY / SQ. MILE

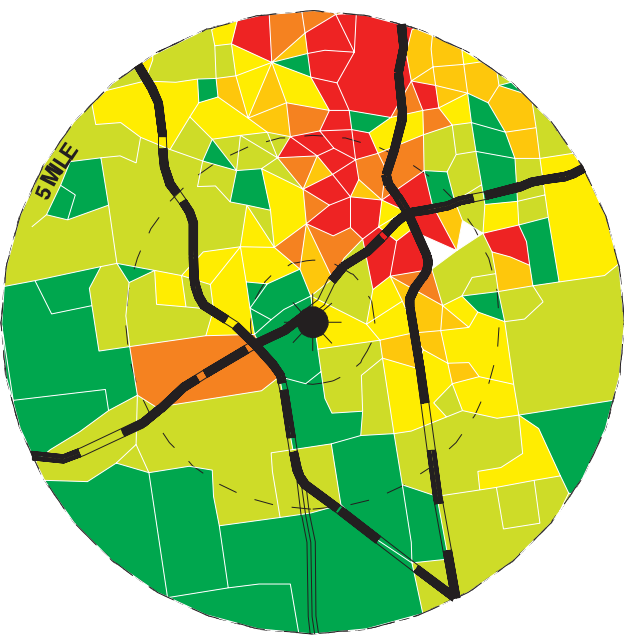
- Greater than 10000
- 1000 - 10000
- 100 - 1000
- 10-100
- 1-10

Minority, poverty, and High School Incomplete percentages

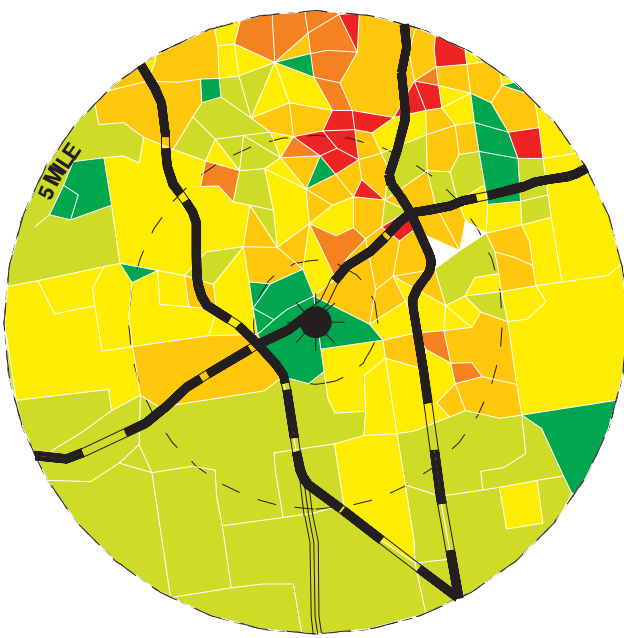
- Greater than 50
- 40 - 50
- 30 - 40
- 20 - 30
- 10 - 20
- 0 - 10



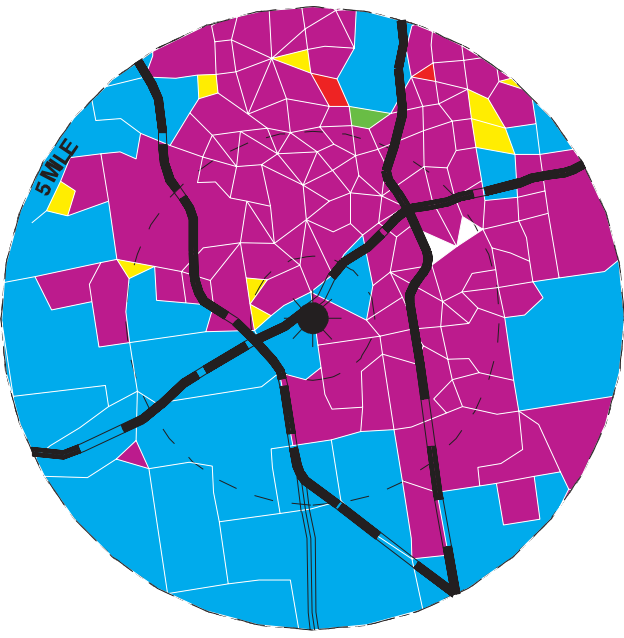
Percentage of Total Population Below Poverty Level



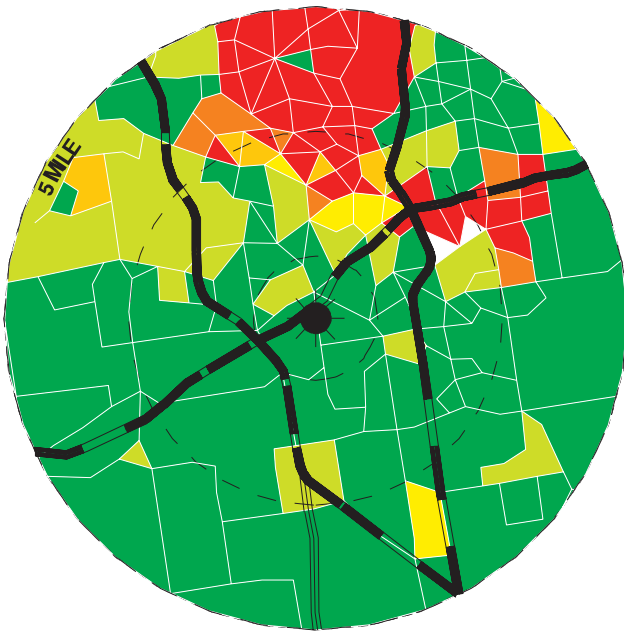
Percentage of Population not Completing High School



Population Density
People Per Sq. Mile



Minority Population
Percent of Total Population



General Motors Flint Genesee County, Michigan

Latitude: 42 59 15 N
Longitude: 83 42 49 W

MAP KEY:

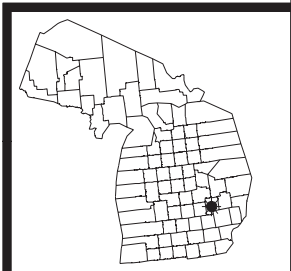
- County Boundaries
- Inter State Highway
- US Highway
- Rail Road
- One Mile
- Three Miles
- Five Miles

POPULATION DENSITY / SQ. MILE

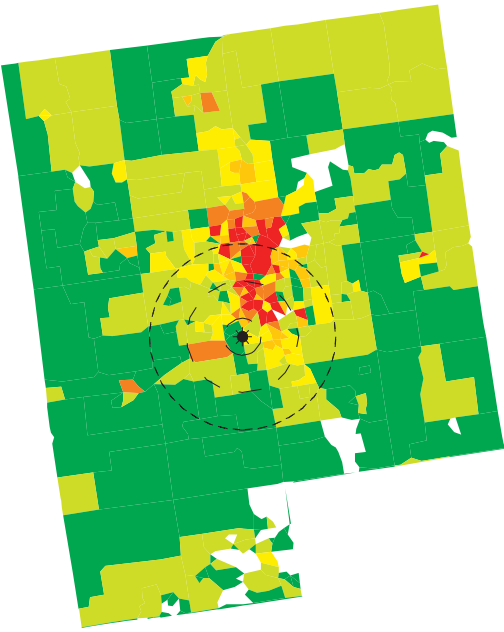
- Greater than 10000
- 1000 - 10000
- 100 - 1000
- 10-100
- 1-10

Minority, poverty, and High School Incomplete percentages

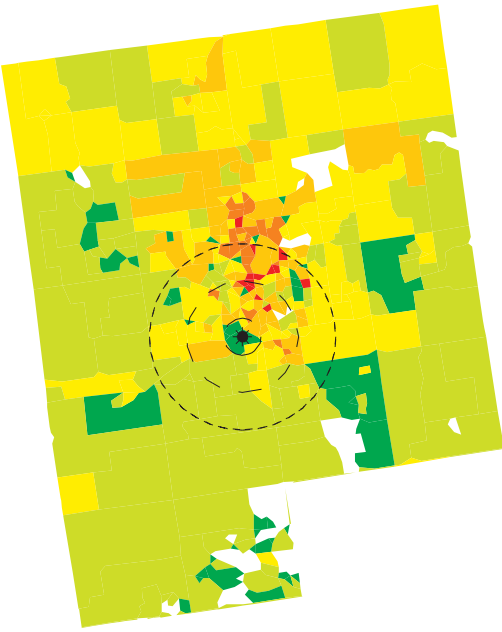
- Greater than 50
- 40 - 50
- 30 - 40
- 20 - 30
- 10 - 20
- 0 - 10



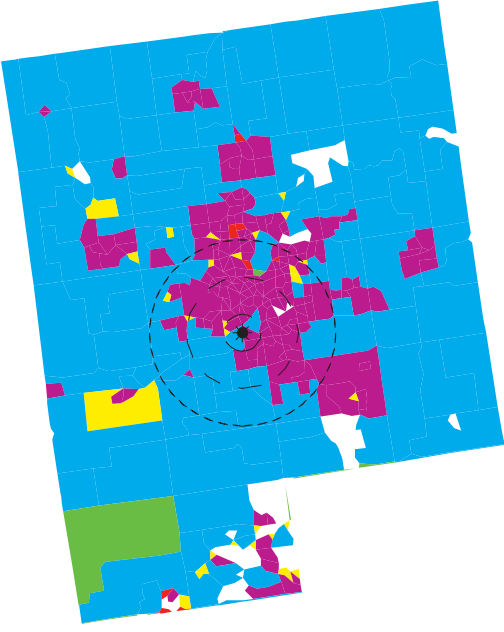
Percentage of Total Population Below Poverty Level



Percentage of Population not Completing High School



Population Density
People Per Sq. Mile



Minority Population
Percent of Total Population

